

Article - Billing and Coding: Visual Electrophysiology Testing (A57599)

Links in PDF documents are not guaranteed to work. To follow a web link, please use the MCD Website.

Contractor Information

CONTRACTOR NAME	CONTRACT TYPE	CONTRACT NUMBER	JURISDICTION	STATES
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	05101 - MAC A	J - 05	Iowa
Wisconsin Physicians Service Insurance Corporation	MAC - Part B	05102 - MAC B	J - 05	Iowa
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	05201 - MAC A	J - 05	Kansas
Wisconsin Physicians Service Insurance Corporation	MAC - Part B	05202 - MAC B	J - 05	Kansas
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	05301 - MAC A	J - 05	Missouri - Entire State
Wisconsin Physicians Service Insurance Corporation	MAC - Part B	05302 - MAC B	J - 05	Missouri - Entire State
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	05401 - MAC A	J - 05	Nebraska
Wisconsin Physicians Service Insurance Corporation	MAC - Part B	05402 - MAC B	J - 05	Nebraska
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	05901 - MAC A	J - 05	Alabama Alaska Arizona Arkansas California - Entire State Colorado Connecticut Delaware Florida Georgia Hawaii Idaho Illinois Indiana Iowa

CONTRACTOR NAME	CONTRACT TYPE	CONTRACT NUMBER	JURISDICTION	STATES
				Kansas Kentucky Louisiana Maine Maryland Massachusetts Michigan Mississippi Missouri - Entire State Montana Nebraska Nevada New Hampshire New Jersey New Mexico North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin Wyoming
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	08101 - MAC A	J - 08	Indiana
Wisconsin Physicians Service Insurance Corporation	MAC - Part B	08102 - MAC B	J - 08	Indiana
Wisconsin Physicians Service Insurance Corporation	MAC - Part A	08201 - MAC A	J - 08	Michigan
Wisconsin Physicians Service Insurance Corporation	MAC - Part B	08202 - MAC B	J - 08	Michigan

Article Information

General Information

Article ID

A57599

Article Title

Billing and Coding: Visual Electrophysiology Testing

Article Type

Billing and Coding

Original Effective Date

11/01/2019

Revision Effective Date

11/30/2023

Revision Ending Date

N/A

Retirement Date

N/A

AMA CPT / ADA CDT / AHA NUBC Copyright Statement

CPT codes, descriptions and other data only are copyright 2023 American Medical Association. All Rights Reserved. Applicable FARS/HHSARS apply.

Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.

Current Dental Terminology © 2023 American Dental Association. All rights reserved.

Copyright © 2023, the American Hospital Association, Chicago, Illinois. Reproduced with permission. No portion of the American Hospital Association (AHA) copyrighted materials contained within this publication may be copied without the express written consent of the AHA. AHA copyrighted materials including the UB04 codes and descriptions may not be removed, copied, or utilized within any software, product, service, solution or derivative work without the written consent of the AHA. If an entity wishes to utilize any AHA materials, please contact the AHA at 312 893 6816.

Making copies or utilizing the content of the UB04 Manual, including the codes and/or descriptions, for internal purposes, resale and/or to be used in any product or publication; creating any modified or derivative work of the UB04 Manual and/or codes and descriptions; and/or making any commercial use of UB04 Manual or any portion thereof, including the codes and/or descriptions, is only authorized with an express license from the American Hospital Association. The American Hospital Association (the "AHA") has not reviewed, and is not responsible for, the completeness or accuracy of any information contained in this material, nor was the AHA or any of its affiliates, involved in the preparation of this material, or the analysis of information provided in the material. The views and/or positions presented in the material do not necessarily represent the views of the AHA. CMS and its products and services are not endorsed by the AHA or any of its affiliates.

CMS National Coverage Policy

Title XVIII of the Social Security Act Section 1833(e) prohibits Medicare payment for any claim which lacks the necessary information to process the claim.

Title XVIII of the Social Security Act Section 1862(a)(1)(A) excludes expenses incurred for items or services which are not reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member.

Code of Federal Regulations 42 CFR Section 410.32 indicates that diagnostic tests may only be ordered by the treating physician (or other treating practitioner acting within the scope of his or her license and Medicare requirements), who furnishes a consultation or treats a beneficiary for a specific medical problem, and who uses the results in the management of the beneficiary's specific medical problem. Tests not ordered by the physician (or another qualified non-physician provider) who is treating the beneficiary are not reasonable and necessary (see Sec.

411.15(k)(1) of this chapter).

Article Guidance

Article Text

The billing and coding information in this article is dependent on the coverage indications, limitations and/or medical necessity described in the related LCD.

Documentation Requirements

The patient's medical record must contain documentation that fully supports the medical necessity for services included within this LCD. (See "Coverage Indications, Limitations, and/or Medical Necessity") This documentation includes, but is not limited to, relevant medical history, physical examination, and results of pertinent diagnostic tests or procedures.

Documentation supporting the medical necessity should be legible, maintained in the patient's medical record, and must be made available to the MAC upon request.

Coding Information

CPT/HCPCS Codes

Group 1 Paragraph:

N/A

Group 1 Codes: (1 Code)

CODE	DESCRIPTION
95930	VISUAL EVOKED POTENTIAL (VEP) CHECKERBOARD OR FLASH TESTING, CENTRAL NERVOUS SYSTEM EXCEPT GLAUCOMA, WITH INTERPRETATION AND REPORT

Group 2 Paragraph:

N/A

Group 2 Codes: (3 Codes)

CODE	DESCRIPTION
92273	ELECTRORETINOGRAPHY (ERG), WITH INTERPRETATION AND REPORT; FULL FIELD (IE, FFERG, FLASH ERG, GANZFELD ERG)
92274	ELECTRORETINOGRAPHY (ERG), WITH INTERPRETATION AND REPORT; MULTIFOCAL (MFERG)
0509T	ELECTRORETINOGRAPHY (ERG) WITH INTERPRETATION AND REPORT, PATTERN (PERG)

CPT/HCPCS Modifiers

N/A

ICD-10-CM Codes that Support Medical Necessity

Group 1 Paragraph:

The diagnosis codes in Group 1 below support the medical necessity of CPT code 95930 only. Diagnosis codes must be coded to the highest level of specificity. **For codes in the table below that require a 7th character: A - initial encounter, D - subsequent encounter, or S - sequela may be used.**

Group 1 Codes: (134 Codes)

CODE	DESCRIPTION
F44.6	Conversion disorder with sensory symptom or deficit
G35	Multiple sclerosis
H46.01 - H46.03	Optic papillitis, right eye - Optic papillitis, bilateral
H46.11 - H46.13	Retrobulbar neuritis, right eye - Retrobulbar neuritis, bilateral
H46.2 - H46.9	Nutritional optic neuropathy - Unspecified optic neuritis
H47.011 - H47.013	Ischemic optic neuropathy, right eye - Ischemic optic neuropathy, bilateral
H47.021 - H47.023	Hemorrhage in optic nerve sheath, right eye - Hemorrhage in optic nerve sheath, bilateral
H47.031 - H47.033	Optic nerve hypoplasia, right eye - Optic nerve hypoplasia, bilateral
H47.091 - H47.093	Other disorders of optic nerve, not elsewhere classified, right eye - Other disorders of optic nerve, not elsewhere classified, bilateral
H47.10 - H47.13	Unspecified papilledema - Papilledema associated with retinal disorder
H47.141 - H47.143	Foster-Kennedy syndrome, right eye - Foster-Kennedy syndrome, bilateral
H47.20 - H47.213	Unspecified optic atrophy - Primary optic atrophy, bilateral
H47.22 - H47.233	Hereditary optic atrophy - Glaucomatous optic atrophy, bilateral
H47.291 - H47.293	Other optic atrophy, right eye - Other optic atrophy, bilateral
H47.311 - H47.313	Coloboma of optic disc, right eye - Coloboma of optic disc, bilateral
H47.321 - H47.323	Drusen of optic disc, right eye - Drusen of optic disc, bilateral
H47.331 - H47.333	Pseudopapilledema of optic disc, right eye - Pseudopapilledema of optic disc, bilateral
H47.391 - H47.393	Other disorders of optic disc, right eye - Other disorders of optic disc, bilateral
H47.41 - H47.49	Disorders of optic chiasm in (due to) inflammatory disorders - Disorders of optic chiasm in (due to) other disorders
H47.521 - H47.522	Disorders of visual pathways in (due to) neoplasm, right side - Disorders of visual

CODE	DESCRIPTION
	pathways in (due to) neoplasm, left side
H53.011 - H53.013	Deprivation amblyopia, right eye - Deprivation amblyopia, bilateral
H53.021 - H53.023	Refractive amblyopia, right eye - Refractive amblyopia, bilateral
H53.031 - H53.033	Strabismic amblyopia, right eye - Strabismic amblyopia, bilateral
H54.0X33	Blindness right eye category 3, blindness left eye category 3
H54.0X34	Blindness right eye category 3, blindness left eye category 4
H54.0X35	Blindness right eye category 3, blindness left eye category 5
H54.0X43	Blindness right eye category 4, blindness left eye category 3
H54.0X44	Blindness right eye category 4, blindness left eye category 4
H54.0X45	Blindness right eye category 4, blindness left eye category 5
H54.0X53	Blindness right eye category 5, blindness left eye category 3
H54.0X54	Blindness right eye category 5, blindness left eye category 4
H54.0X55	Blindness right eye category 5, blindness left eye category 5
H54.1131	Blindness right eye category 3, low vision left eye category 1
H54.1132	Blindness right eye category 3, low vision left eye category 2
H54.1141	Blindness right eye category 4, low vision left eye category 1
H54.1142	Blindness right eye category 4, low vision left eye category 2
H54.1151	Blindness right eye category 5, low vision left eye category 1
H54.1152	Blindness right eye category 5, low vision left eye category 2
H54.1213	Low vision right eye category 1, blindness left eye category 3
H54.1214	Low vision right eye category 1, blindness left eye category 4
H54.1215	Low vision right eye category 1, blindness left eye category 5
H54.1223	Low vision right eye category 2, blindness left eye category 3
H54.1224	Low vision right eye category 2, blindness left eye category 4
H54.1225	Low vision right eye category 2, blindness left eye category 5
H54.2X11	Low vision right eye category 1, low vision left eye category 1
H54.2X12	Low vision right eye category 1, low vision left eye category 2
H54.2X21	Low vision right eye category 2, low vision left eye category 1
H54.2X22	Low vision right eye category 2, low vision left eye category 2
H54.3	Unqualified visual loss, both eyes
H54.413A	Blindness right eye category 3, normal vision left eye
H54.414A	Blindness right eye category 4, normal vision left eye

CODE	DESCRIPTION
H54.415A	Blindness right eye category 5, normal vision left eye
H54.42A3	Blindness left eye category 3, normal vision right eye
H54.42A4	Blindness left eye category 4, normal vision right eye
H54.42A5	Blindness left eye category 5, normal vision right eye
H54.511A	Low vision right eye category 1, normal vision left eye
H54.512A	Low vision right eye category 2, normal vision left eye
H54.52A1	Low vision left eye category 1, normal vision right eye
H54.52A2	Low vision left eye category 2, normal vision right eye
H54.61 - H54.62	Unqualified visual loss, right eye, normal vision left eye - Unqualified visual loss, left eye, normal vision right eye
H54.7 - H54.8	Unspecified visual loss - Legal blindness, as defined in USA
S04.011A - S04.042A	Injury of optic nerve, right eye, initial encounter - Injury of visual cortex, left side, initial encounter

Group 2 Paragraph:

The diagnosis codes in Group 2 below support the medical necessity of CPT codes 92273, 92274, and 0509T only. Diagnosis codes must be coded to the highest level of specificity. **For codes in the table below that require a 7th character: A - initial encounter, D - subsequent encounter, or S – sequela may be used.**

Group 2 Codes: (564 Codes)

CODE	DESCRIPTION
A18.53	Tuberculous chorioretinitis
B50.0	Plasmodium falciparum malaria with cerebral complications
B50.8	Other severe and complicated Plasmodium falciparum malaria
B50.9	Plasmodium falciparum malaria, unspecified
D18.09	Hemangioma of other sites
E08.311 - E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema - Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema
E08.3211 - E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye - Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3291 - E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye - Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral

CODE	DESCRIPTION
E08.3311 - E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye - Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3391 - E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye - Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3411 - E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye - Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3491 - E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye - Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3511 - E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye - Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral
E08.3521 - E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye - Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E08.3531 - E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye - Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E08.3541 - E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye - Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E08.3551 - E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye - Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral
E08.3591 - E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye - Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral
E09.311 - E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema - Drug or chemical induced diabetes mellitus with unspecified

CODE	DESCRIPTION
	diabetic retinopathy without macular edema
E09.3211 - E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye - Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3291 - E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye - Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3311 - E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye - Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3391 - E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye - Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3411 - E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye - Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3491 - E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye - Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3511 - E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye - Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E09.3521 - E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye - Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E09.3531 - E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye - Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E09.3541 - E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye - Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal

CODE	DESCRIPTION
	detachment, bilateral
E09.3551 - E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye - Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E09.3591 - E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye - Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E10.311 - E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema - Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E10.3211 - E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye - Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3291 - E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye - Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3311 - E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye - Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3391 - E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye - Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3411 - E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye - Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3491 - E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye - Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3511 - E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye - Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E10.3521 - E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye - Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E10.3531 - E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye - Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral

CODE	DESCRIPTION
E10.3541 - E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye - Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E10.3551 - E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye - Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E10.3591 - E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye - Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E11.311 - E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema - Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E11.3211 - E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye - Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3291 - E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye - Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3311 - E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye - Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3391 - E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye - Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3411 - E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye - Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3491 - E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye - Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3511 - E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye - Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E11.3521 - E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye - Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E11.3531 - E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye - Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the

CODE	DESCRIPTION
	macula, bilateral
E11.3541 - E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye - Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E11.3551 - E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye - Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E11.3591 - E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye - Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E13.311 - E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema - Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema
E13.3211 - E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye - Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3291 - E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye - Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3311 - E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye - Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3391 - E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye - Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3411 - E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye - Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3491 - E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye - Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3511 - E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye - Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E13.3521 - E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye - Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E13.3531 - E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction

CODE	DESCRIPTION
	retinal detachment not involving the macula, right eye - Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E13.3541 - E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye - Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E13.3551 - E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye - Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E13.3591 - E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye - Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
G45.3	Amaurosis fugax
H30.001 - H30.003	Unspecified focal chorioretinal inflammation, right eye - Unspecified focal chorioretinal inflammation, bilateral
H30.011 - H30.013	Focal chorioretinal inflammation, juxtapapillary, right eye - Focal chorioretinal inflammation, juxtapapillary, bilateral
H30.021 - H30.023	Focal chorioretinal inflammation of posterior pole, right eye - Focal chorioretinal inflammation of posterior pole, bilateral
H30.031 - H30.033	Focal chorioretinal inflammation, peripheral, right eye - Focal chorioretinal inflammation, peripheral, bilateral
H30.041 - H30.043	Focal chorioretinal inflammation, macular or paramacular, right eye - Focal chorioretinal inflammation, macular or paramacular, bilateral
H30.101 - H30.103	Unspecified disseminated chorioretinal inflammation, right eye - Unspecified disseminated chorioretinal inflammation, bilateral
H30.111 - H30.113	Disseminated chorioretinal inflammation of posterior pole, right eye - Disseminated chorioretinal inflammation of posterior pole, bilateral
H30.121 - H30.123	Disseminated chorioretinal inflammation, peripheral right eye - Disseminated chorioretinal inflammation, peripheral, bilateral
H30.131 - H30.133	Disseminated chorioretinal inflammation, generalized, right eye - Disseminated chorioretinal inflammation, generalized, bilateral
H30.141 - H30.143	Acute posterior multifocal placoid pigment epitheliopathy, right eye - Acute posterior multifocal placoid pigment epitheliopathy, bilateral
H30.21 - H30.23	Posterior cyclitis, right eye - Posterior cyclitis, bilateral
H30.811 - H30.813	Harada's disease, right eye - Harada's disease, bilateral
H30.891 - H30.893	Other chorioretinal inflammations, right eye - Other chorioretinal inflammations,

CODE	DESCRIPTION
	bilateral
H30.91 - H30.93	Unspecified chorioretinal inflammation, right eye - Unspecified chorioretinal inflammation, bilateral
H31.001 - H31.003	Unspecified chorioretinal scars, right eye - Unspecified chorioretinal scars, bilateral
H31.011 - H31.013	Macula scars of posterior pole (postinflammatory) (post-traumatic), right eye - Macula scars of posterior pole (postinflammatory) (post-traumatic), bilateral
H31.021 - H31.023	Solar retinopathy, right eye - Solar retinopathy, bilateral
H31.091 - H31.093	Other chorioretinal scars, right eye - Other chorioretinal scars, bilateral
H31.101 - H31.103	Choroidal degeneration, unspecified, right eye - Choroidal degeneration, unspecified, bilateral
H31.111 - H31.113	Age-related choroidal atrophy, right eye - Age-related choroidal atrophy, bilateral
H31.121 - H31.123	Diffuse secondary atrophy of choroid, right eye - Diffuse secondary atrophy of choroid, bilateral
H31.20	Hereditary choroidal dystrophy, unspecified
H31.21	Choroideremia
H31.22	Choroidal dystrophy (central areolar) (generalized) (peripapillary)
H31.23	Gyrate atrophy, choroid
H31.29	Other hereditary choroidal dystrophy
H31.301 - H31.303	Unspecified choroidal hemorrhage, right eye - Unspecified choroidal hemorrhage, bilateral
H31.311 - H31.313	Expulsive choroidal hemorrhage, right eye - Expulsive choroidal hemorrhage, bilateral
H31.321 - H31.323	Choroidal rupture, right eye - Choroidal rupture, bilateral
H31.401 - H31.403	Unspecified choroidal detachment, right eye - Unspecified choroidal detachment, bilateral
CODE	DESCRIPTION
H31.411 - H31.413	Hemorrhagic choroidal detachment, right eye - Hemorrhagic choroidal detachment, bilateral
H31.421 - H31.423	Serous choroidal detachment, right eye - Serous choroidal detachment, bilateral
H33.001 - H33.003	Unspecified retinal detachment with retinal break, right eye - Unspecified retinal detachment with retinal break, bilateral
H33.011 - H33.013	Retinal detachment with single break, right eye - Retinal detachment with single break, bilateral
H33.021 - H33.023	Retinal detachment with multiple breaks, right eye - Retinal detachment with multiple breaks, bilateral

CODE	DESCRIPTION
H33.031 - H33.033	Retinal detachment with giant retinal tear, right eye - Retinal detachment with giant retinal tear, bilateral
H33.041 - H33.043	Retinal detachment with retinal dialysis, right eye - Retinal detachment with retinal dialysis, bilateral
H33.051 - H33.053	Total retinal detachment, right eye - Total retinal detachment, bilateral
H33.101 - H33.103	Unspecified retinoschisis, right eye - Unspecified retinoschisis, bilateral
H33.111 - H33.113	Cyst of ora serrata, right eye - Cyst of ora serrata, bilateral
H33.191 - H33.193	Other retinoschisis and retinal cysts, right eye - Other retinoschisis and retinal cysts, bilateral
H33.21 - H33.23	Serous retinal detachment, right eye - Serous retinal detachment, bilateral
H33.301 - H33.303	Unspecified retinal break, right eye - Unspecified retinal break, bilateral
H33.311 - H33.313	Horseshoe tear of retina without detachment, right eye - Horseshoe tear of retina without detachment, bilateral
H33.321 - H33.323	Round hole, right eye - Round hole, bilateral
H33.331 - H33.333	Multiple defects of retina without detachment, right eye - Multiple defects of retina without detachment, bilateral
H33.41 - H33.43	Traction detachment of retina, right eye - Traction detachment of retina, bilateral
H33.8	Other retinal detachments
H34.01 - H34.03	Transient retinal artery occlusion, right eye - Transient retinal artery occlusion, bilateral
H34.11 - H34.13	Central retinal artery occlusion, right eye - Central retinal artery occlusion, bilateral
H34.211 - H34.213	Partial retinal artery occlusion, right eye - Partial retinal artery occlusion, bilateral
H34.231 - H34.233	Retinal artery branch occlusion, right eye - Retinal artery branch occlusion, bilateral
H34.8110 - H34.8112	Central retinal vein occlusion, right eye, with macular edema - Central retinal vein occlusion, right eye, stable
H34.8120 - H34.8122	Central retinal vein occlusion, left eye, with macular edema - Central retinal vein occlusion, left eye, stable
H34.8130 - H34.8132	Central retinal vein occlusion, bilateral, with macular edema - Central retinal vein occlusion, bilateral, stable
H34.821 - H34.823	Venous engorgement, right eye - Venous engorgement, bilateral
H34.8310 - H34.8312	Tributary (branch) retinal vein occlusion, right eye, with macular edema - Tributary (branch) retinal vein occlusion, right eye, stable
H34.8320 - H34.8322	Tributary (branch) retinal vein occlusion, left eye, with macular edema - Tributary (branch) retinal vein occlusion, left eye, stable
H34.8330 - H34.8332	Tributary (branch) retinal vein occlusion, bilateral, with macular edema - Tributary

CODE	DESCRIPTION
	(branch) retinal vein occlusion, bilateral, stable
H34.9	Unspecified retinal vascular occlusion
H35.00	Unspecified background retinopathy
H35.011 - H35.013	Changes in retinal vascular appearance, right eye - Changes in retinal vascular appearance, bilateral
H35.021 - H35.023	Exudative retinopathy, right eye - Exudative retinopathy, bilateral
H35.031 - H35.033	Hypertensive retinopathy, right eye - Hypertensive retinopathy, bilateral
H35.041 - H35.043	Retinal micro-aneurysms, unspecified, right eye - Retinal micro-aneurysms, unspecified, bilateral
H35.051 - H35.053	Retinal neovascularization, unspecified, right eye - Retinal neovascularization, unspecified, bilateral
H35.061 - H35.063	Retinal vasculitis, right eye - Retinal vasculitis, bilateral
H35.071 - H35.073	Retinal telangiectasis, right eye - Retinal telangiectasis, bilateral
H35.09	Other intraretinal microvascular abnormalities
H35.101 - H35.103	Retinopathy of prematurity, unspecified, right eye - Retinopathy of prematurity, unspecified, bilateral
H35.111 - H35.113	Retinopathy of prematurity, stage 0, right eye - Retinopathy of prematurity, stage 0, bilateral
H35.121 - H35.123	Retinopathy of prematurity, stage 1, right eye - Retinopathy of prematurity, stage 1, bilateral
H35.131 - H35.133	Retinopathy of prematurity, stage 2, right eye - Retinopathy of prematurity, stage 2, bilateral
H35.141 - H35.143	Retinopathy of prematurity, stage 3, right eye - Retinopathy of prematurity, stage 3, bilateral
H35.151 - H35.153	Retinopathy of prematurity, stage 4, right eye - Retinopathy of prematurity, stage 4, bilateral
H35.161 - H35.163	Retinopathy of prematurity, stage 5, right eye - Retinopathy of prematurity, stage 5, bilateral
H35.171 - H35.173	Retrolental fibroplasia, right eye - Retrolental fibroplasia, bilateral
H35.21 - H35.23	Other non-diabetic proliferative retinopathy, right eye - Other non-diabetic proliferative retinopathy, bilateral
H35.30	Unspecified macular degeneration
H35.3110 - H35.3134	Nonexudative age-related macular degeneration, right eye, stage unspecified - Nonexudative age-related macular degeneration, bilateral, advanced atrophic with subfoveal involvement

CODE	DESCRIPTION
H35.3210 - H35.3233	Exudative age-related macular degeneration, right eye, stage unspecified - Exudative age-related macular degeneration, bilateral, with inactive scar
H35.33	Angioid streaks of macula
H35.341 - H35.343	Macular cyst, hole, or pseudohole, right eye - Macular cyst, hole, or pseudohole, bilateral
H35.351 - H35.353	Cystoid macular degeneration, right eye - Cystoid macular degeneration, bilateral
H35.361 - H35.363	Drusen (degenerative) of macula, right eye - Drusen (degenerative) of macula, bilateral
H35.371 - H35.373	Puckering of macula, right eye - Puckering of macula, bilateral
H35.381 - H35.383	Toxic maculopathy, right eye - Toxic maculopathy, bilateral
H35.40	Unspecified peripheral retinal degeneration
H35.411 - H35.413	Lattice degeneration of retina, right eye - Lattice degeneration of retina, bilateral
H35.421 - H35.423	Microcystoid degeneration of retina, right eye - Microcystoid degeneration of retina, bilateral
H35.431 - H35.433	Paving stone degeneration of retina, right eye - Paving stone degeneration of retina, bilateral
H35.441 - H35.443	Age-related reticular degeneration of retina, right eye - Age-related reticular degeneration of retina, bilateral
H35.451 - H35.453	Secondary pigmentary degeneration, right eye - Secondary pigmentary degeneration, bilateral
H35.461 - H35.463	Secondary vitreoretinal degeneration, right eye - Secondary vitreoretinal degeneration, bilateral
H35.50 - H35.54	Unspecified hereditary retinal dystrophy - Dystrophies primarily involving the retinal pigment epithelium
H35.61 - H35.63	Retinal hemorrhage, right eye - Retinal hemorrhage, bilateral
H35.70	Unspecified separation of retinal layers
H35.711 - H35.713	Central serous chorioretinopathy, right eye - Central serous chorioretinopathy, bilateral
H35.721 - H35.723	Serous detachment of retinal pigment epithelium, right eye - Serous detachment of retinal pigment epithelium, bilateral
H35.731 - H35.733	Hemorrhagic detachment of retinal pigment epithelium, right eye - Hemorrhagic detachment of retinal pigment epithelium, bilateral
H35.81 - H35.89	Retinal edema - Other specified retinal disorders
H36.89	Other retinal disorders in diseases classified elsewhere
H46.01 - H46.03	Optic papillitis, right eye - Optic papillitis, bilateral

CODE	DESCRIPTION
H46.11 - H46.13	Retrobulbar neuritis, right eye - Retrobulbar neuritis, bilateral
H46.2 - H46.9	Nutritional optic neuropathy - Unspecified optic neuritis
H47.011 - H47.013	Ischemic optic neuropathy, right eye - Ischemic optic neuropathy, bilateral
H47.021 - H47.023	Hemorrhage in optic nerve sheath, right eye - Hemorrhage in optic nerve sheath, bilateral
H47.031 - H47.033	Optic nerve hypoplasia, right eye - Optic nerve hypoplasia, bilateral
H47.091 - H47.093	Other disorders of optic nerve, not elsewhere classified, right eye - Other disorders of optic nerve, not elsewhere classified, bilateral
H47.10 - H47.13	Unspecified papilledema - Papilledema associated with retinal disorder
H47.141 - H47.143	Foster-Kennedy syndrome, right eye - Foster-Kennedy syndrome, bilateral
H47.20 - H47.213	Unspecified optic atrophy - Primary optic atrophy, bilateral
H47.22 - H47.233	Hereditary optic atrophy - Glaucomatous optic atrophy, bilateral
H47.291 - H47.293	Other optic atrophy, right eye - Other optic atrophy, bilateral
H47.311 - H47.313	Coloboma of optic disc, right eye - Coloboma of optic disc, bilateral
H47.321 - H47.323	Drusen of optic disc, right eye - Drusen of optic disc, bilateral
H47.331 - H47.333	Pseudopapilledema of optic disc, right eye - Pseudopapilledema of optic disc, bilateral
H47.391 - H47.393	Other disorders of optic disc, right eye - Other disorders of optic disc, bilateral
H53.51	Achromatopsia
H53.52	Acquired color vision deficiency
H53.53	Deuteranomaly
H53.60	Unspecified night blindness
H53.63	Congenital night blindness
H53.8	Other visual disturbances
H53.9	Unspecified visual disturbance
L10.4	Pemphigus erythematosus
T37.2X1A	Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), initial encounter
T37.2X2A	Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter
T37.2X3A	Poisoning by antimalarials and drugs acting on other blood protozoa, assault, initial encounter
T37.2X4A	Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, initial encounter

CODE	DESCRIPTION
T37.2X5A	Adverse effect of antimalarials and drugs acting on other blood protozoa, initial encounter
T37.2X6A	Underdosing of antimalarials and drugs acting on other blood protozoa, initial encounter
Z79.899	Other long term (current) drug therapy

ICD-10-CM Codes that DO NOT Support Medical Necessity

Group 1 Paragraph:

N/A

Group 1 Codes:

N/A

ICD-10-PCS Codes

N/A

Additional ICD-10 Information

N/A

Bill Type Codes

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the article does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the article should be assumed to apply equally to all claims.

N/A

Revenue Codes

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the article, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the article should be assumed to apply equally to all Revenue Codes.

N/A

Other Coding Information

N/A

Revision History Information

REVISION HISTORY DATE	REVISION HISTORY NUMBER	REVISION HISTORY EXPLANATION
11/30/2023	R4	Posted 11/30/2023: Under ICD-10 Codes that Support Medical Necessity Group 2 Codes added ICD-10 codes H53.63, H53.51, H53.52, and H53.53 per provider request.
10/01/2023	R3	Posted 09/28/2023: Biannual review completed 08/14/2023 with minor grammatical changes made. Under ICD-10 Codes that Support Medical Necessity Group 2 Codes added ICD-10 code H36.89 and deleted ICD-10 code H36 due to the 2024 Annual ICD-10-CM update which will be effective 10/01/2023.
10/28/2021	R2	10/28/2021 Review completed 09/28/2021 with no change in coverage. Minor punctuation corrections were made in the article.
12/31/2020	R1	12/31/2020 CPT/HCPCS Group 2 Code and ICD-10 Group 2 Paragraph added: CPT 0509T Electroretinography (ERG) with interpretation and report, pattern (PERG).

Associated Documents

Related Local Coverage Documents

Articles

[A55533 - Response to Comments: Visual Electrophysiology Testing \(L37015\)](#)

LCDs

[L37015 - Visual Electrophysiology Testing](#)

Related National Coverage Documents

N/A

Statutory Requirements URLs

N/A

Rules and Regulations URLs

N/A

CMS Manual Explanations URLs

N/A

Other URLs

N/A

Public Versions

UPDATED ON	EFFECTIVE DATES	STATUS
Some older versions have been archived. Please visit the MCD Archive Site to retrieve them.		
11/20/2023	11/30/2023 - N/A	Currently in Effect (This Version)
09/19/2023	10/01/2023 - 11/29/2023	Superseded
10/19/2021	10/28/2021 - 09/30/2023	Superseded

Keywords

N/A